

IL-7human	**	****	**	***	**	*	*	*
MFH.....		.VSFRYIFGL		PPLILVLLPV	ASSD	DI	EGK	DGKQYESVLM
IL-7sheep		.VSFRYIFGI		PPLILVLLPV	ASSD	DF	SGK	DGAYQNVLM
IL-7bovin		.VSFRYIFGI		PPLILVLLPV	ASSD	DI	SGK	DGAYQNVLM
IL-7mouse		.VSFRYIFGI		PPLILVLLPV	TSSE	CH	KDK	EGKAYESVLM
IL-7rat		.VSFRYIFGI		PPLILVLLPV	TSSD	CH	KDK	DGKAFGSVLM
ILB50human		MFPFALLYVL		SVSFRKIFIL	QLVGLVLT.Y	DFTN	DFE.K	IKAAYLSTIS

								helix A
IL-7human	*	VSIDQLLD	SM	KEIGSNCLNN	EFNFFKR	HC	DANKEGMFLF	RAARKLRQFL
IL-7sheep		VSIDDL.DNM		INFDSNCLNN	EPNFFKK	HSC	DDNKEASFLN	RAARKLRQFL
IL-7bovin		VNIDDL.DNM		INFDSNCLNN	EPNFFKK	HSC	DDNKEASFLN	RASRKLKQFL
IL-7mouse		ISIDEL.DKM		TGTDSDNCPNN	EPNFFRKHVC		DDTKEAAFLN	RAARKLRQFL
IL-7rat		ISINQL.DKM		TGTDSDNCPNN	EPNFFKKHLC		DDTKEAAFLN	RAARKLRQFL
ILB50human		KDLITY...M		SGTKSTEFNN	TVSCSNRPHC		LTEIQSLTFN	PTAGCASLAK
		-----		^^^^				-----
					strand 1		helix B	
IL-7human	*	KMNSTGDFDL		HLLKVSEGT	ILLNCTGQVK		GRKPAALGEA	QPTKSLEENK
IL-7sheep		KMNISDDFKL		HLSTVSQGT	TLNCTSKGK		GRKPPSLGEA	QPTKNLEENK
IL-7bovin		KMNISDDFKL		HLSTVSQGT	TLNCTSKGK		GRKPPSLGEA	QPTKNLEENK
IL-7mouse		KMNISEEFNV		HLLTVSQGTQ	TLVNCTSK..		EEK
IL-7rat		KMNISEEFND		HLLRVSDGTQ	TLVNCTSK..		EEK
ILB50human		EMFAMKTKAA		LAIWCPGYSE	TQINATQA..		MK
		-----						-----
								helix C

FIGURE 1A

DX0903K1
BAZAN, *et al.*

CN 028008
SHEET 2 OF 21

*	IL-7human	SLKEQKKLND	LCFLKRLLQE	IKTCWNKILM	GTEH
	IL-7sheep	SLKEQRKQND	LCFLKILLQK	IKTCWNKILR	GITEH
	IL-7bovin	SSKEQKKQND	LCFLKILLQK	IKTCWNKILR	GIKEH
	IL-7mouse	NVKEQKK.ND	ACFLKRLLRE	IKTCWNKILK	GSI..
	IL-7rat	TIKEQKK.ND	PCFLKRLLRE	IKTCWNKILK	GSI..
	ILB50human	KRRKRKVTN	KCLEQVSQLQ	GLWRRFNRPL	LKQQ.
		^^^	-----		
		strand 2		helix D	

FIGURE 1B

DX0903K1
BAZAN, et al.

CN 028008
SHEET 3 OF 21

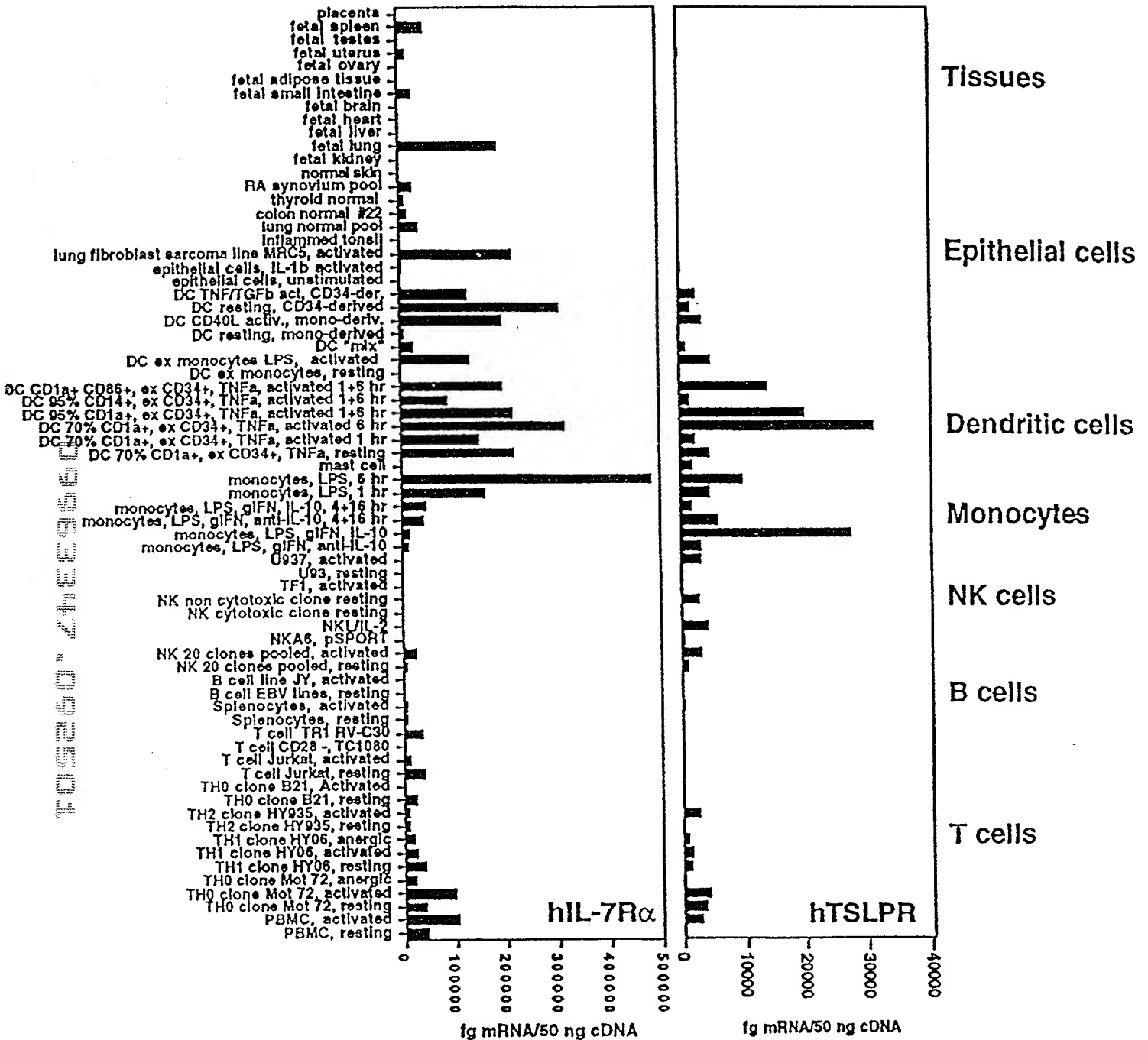


FIG. 2A

FIG. 2B

IL50 mRNA (fg/50ng)

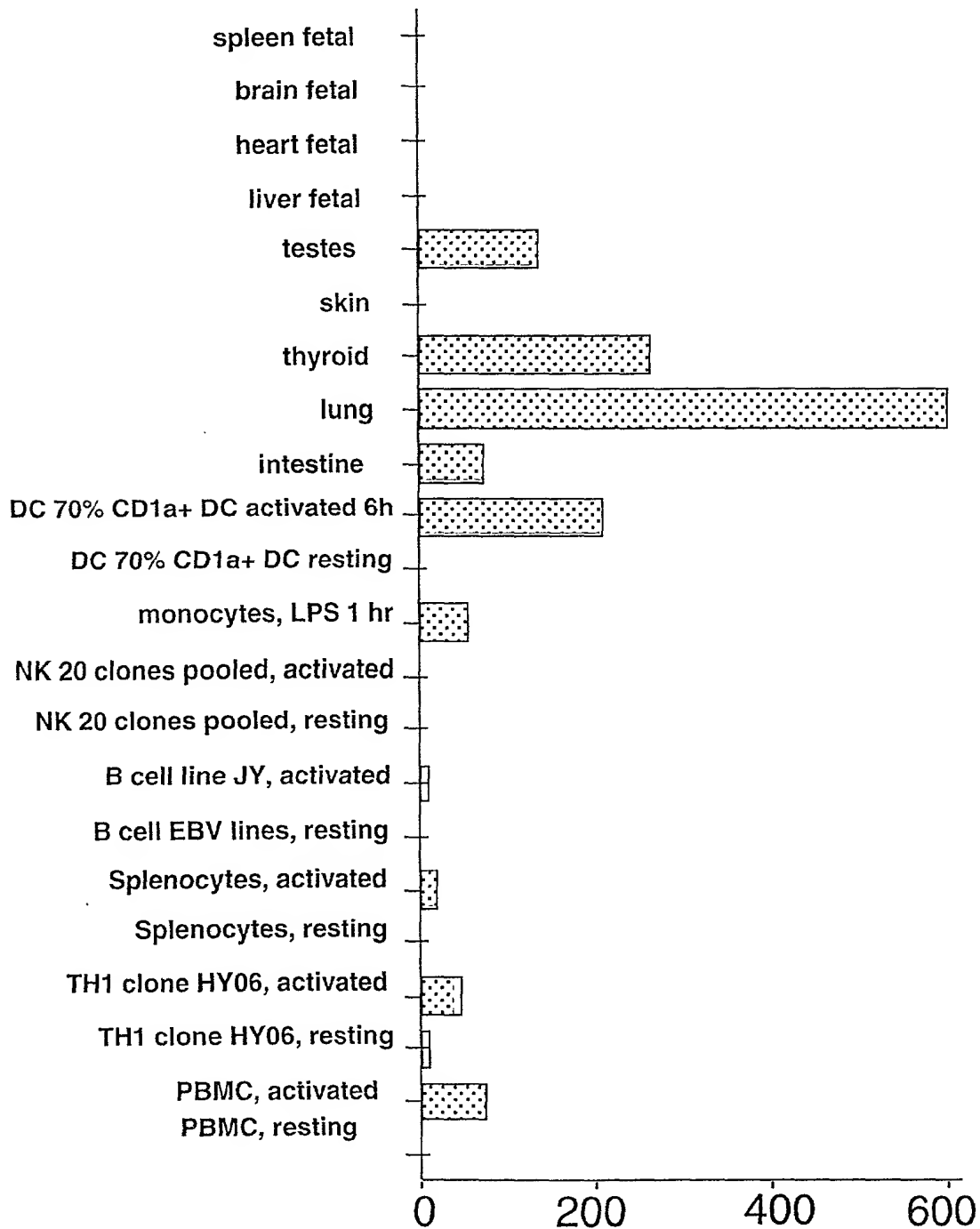


FIG. 2C

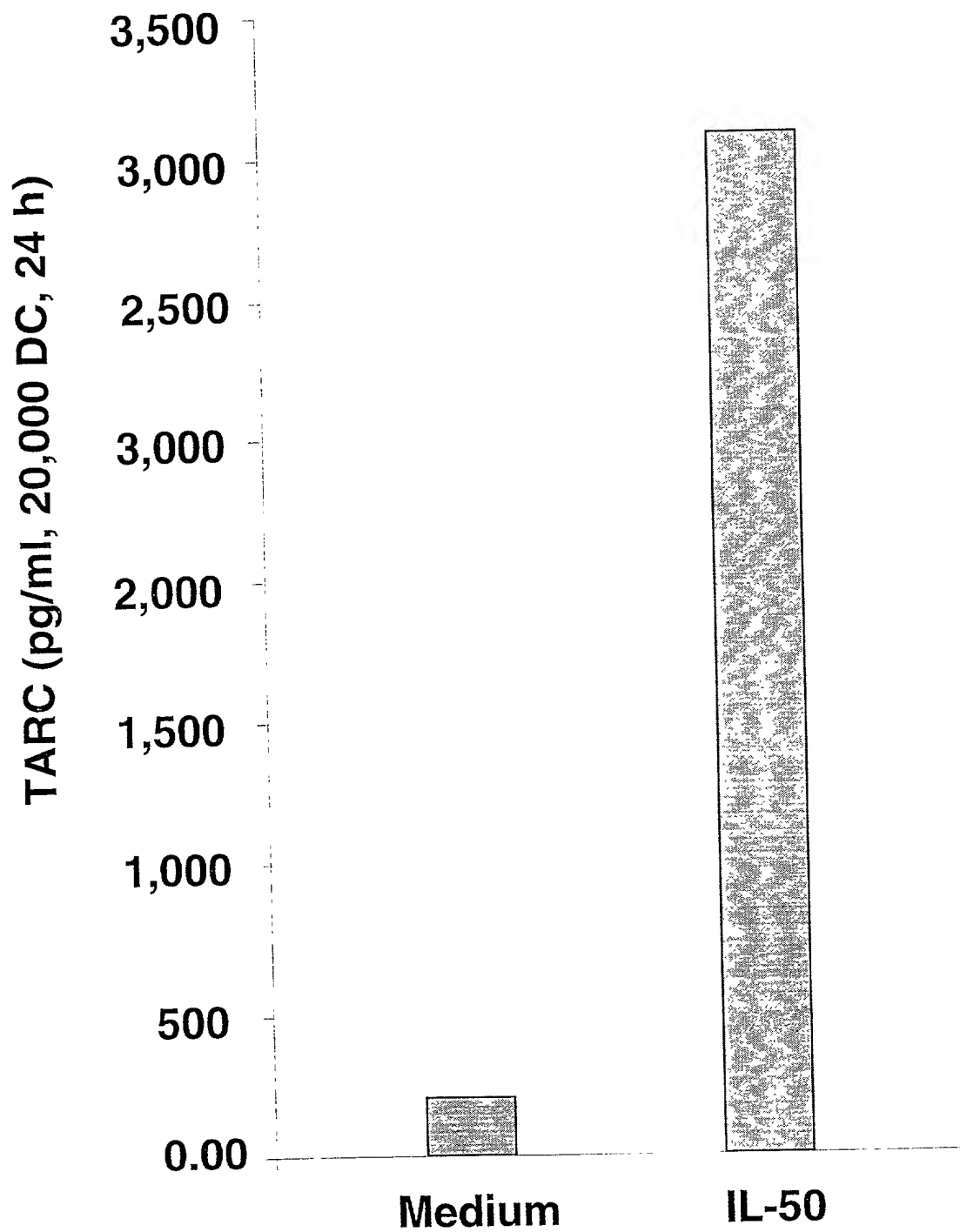


FIG. 3

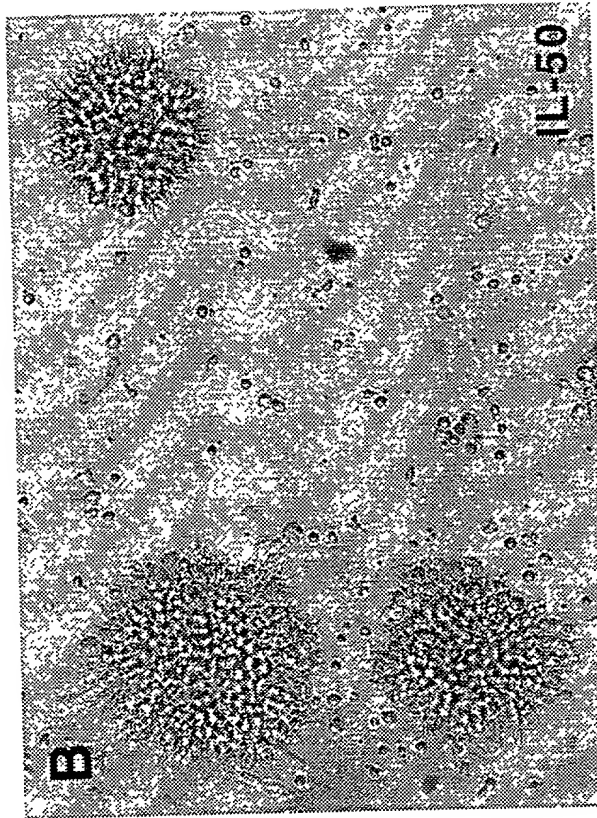


FIG. 4B

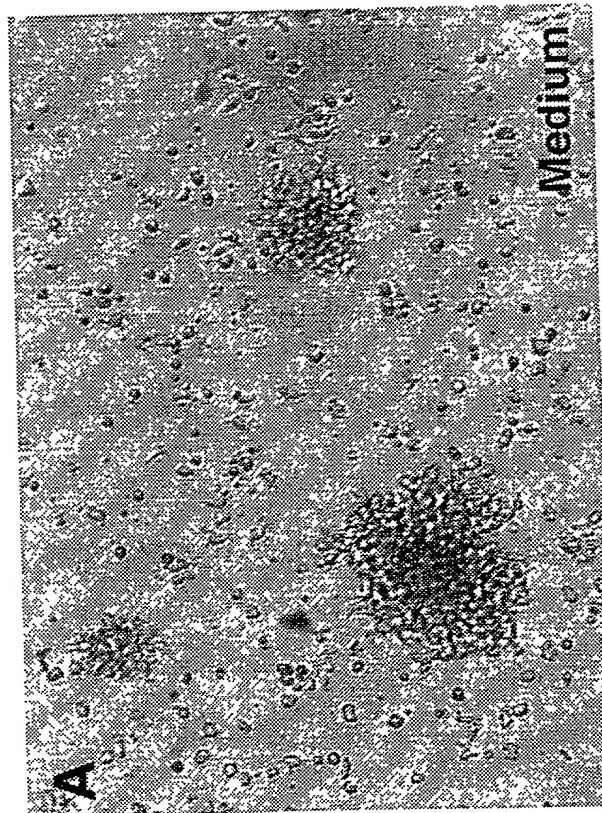


FIG. 4A

DX0903K1
BAZAN, *et al.*

CN 028008
SHEET 7 OF 21

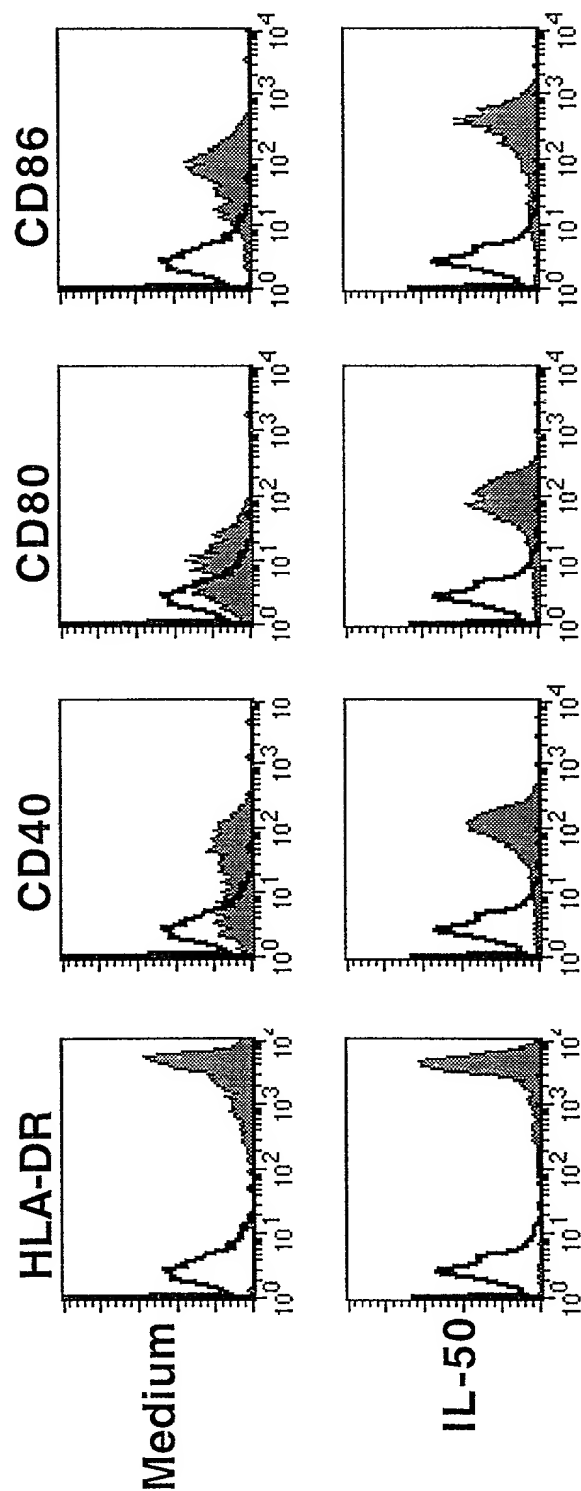


FIG. 5

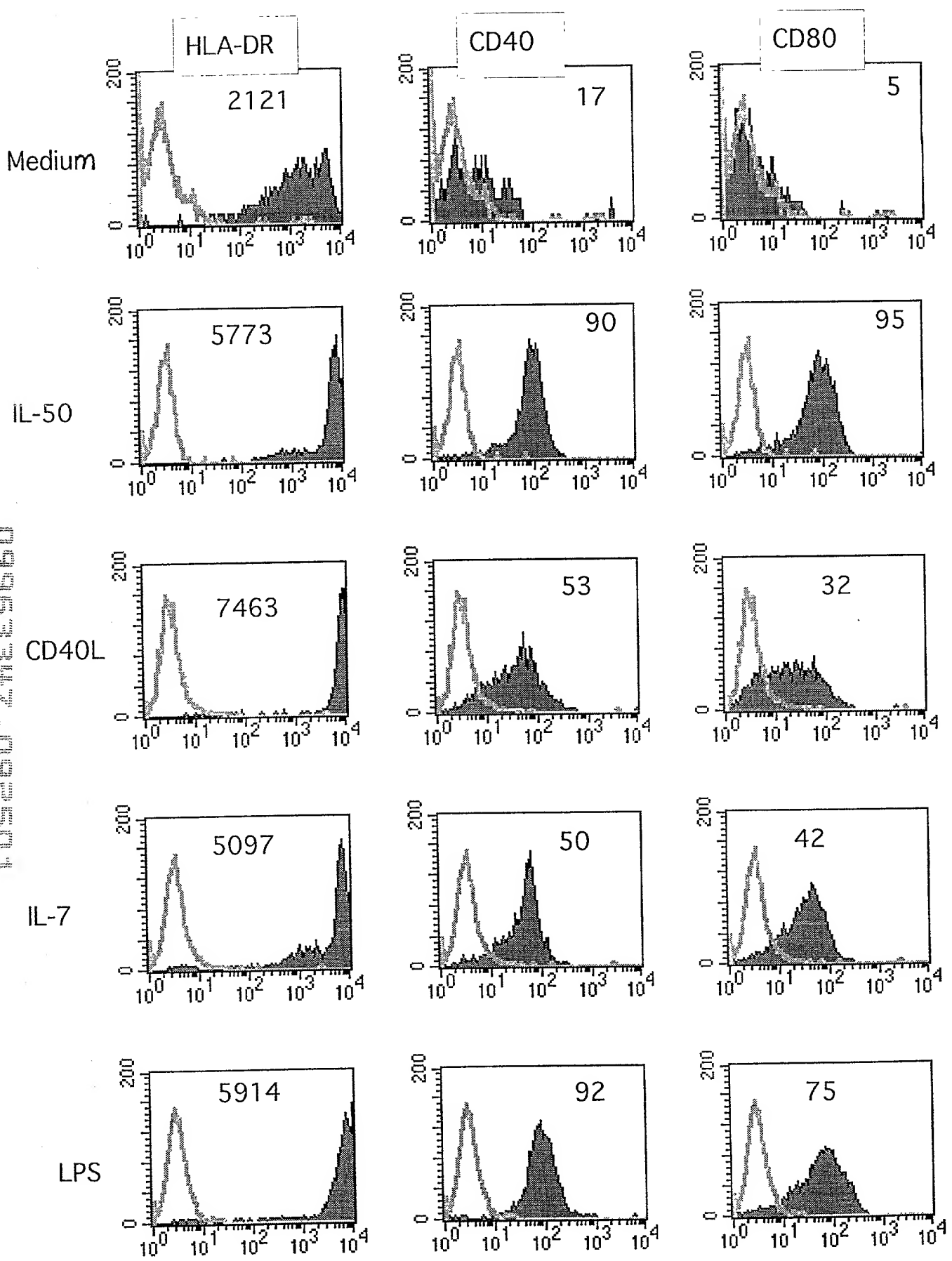


FIG. 6

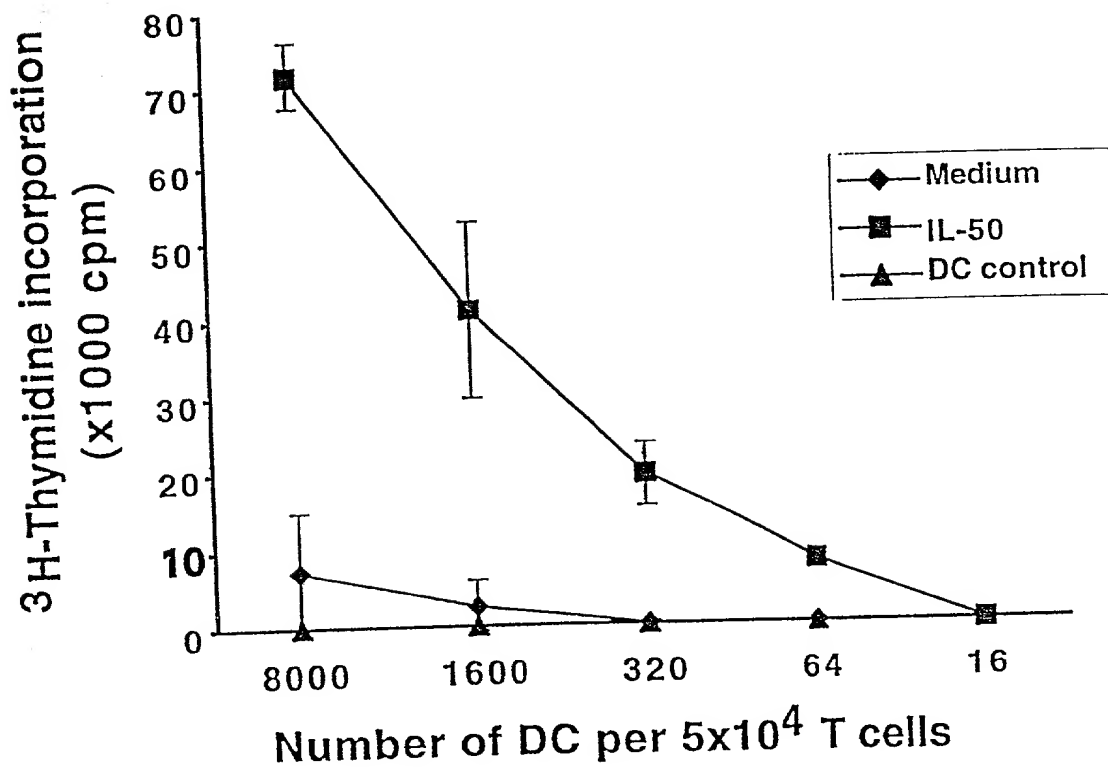


FIG. 7

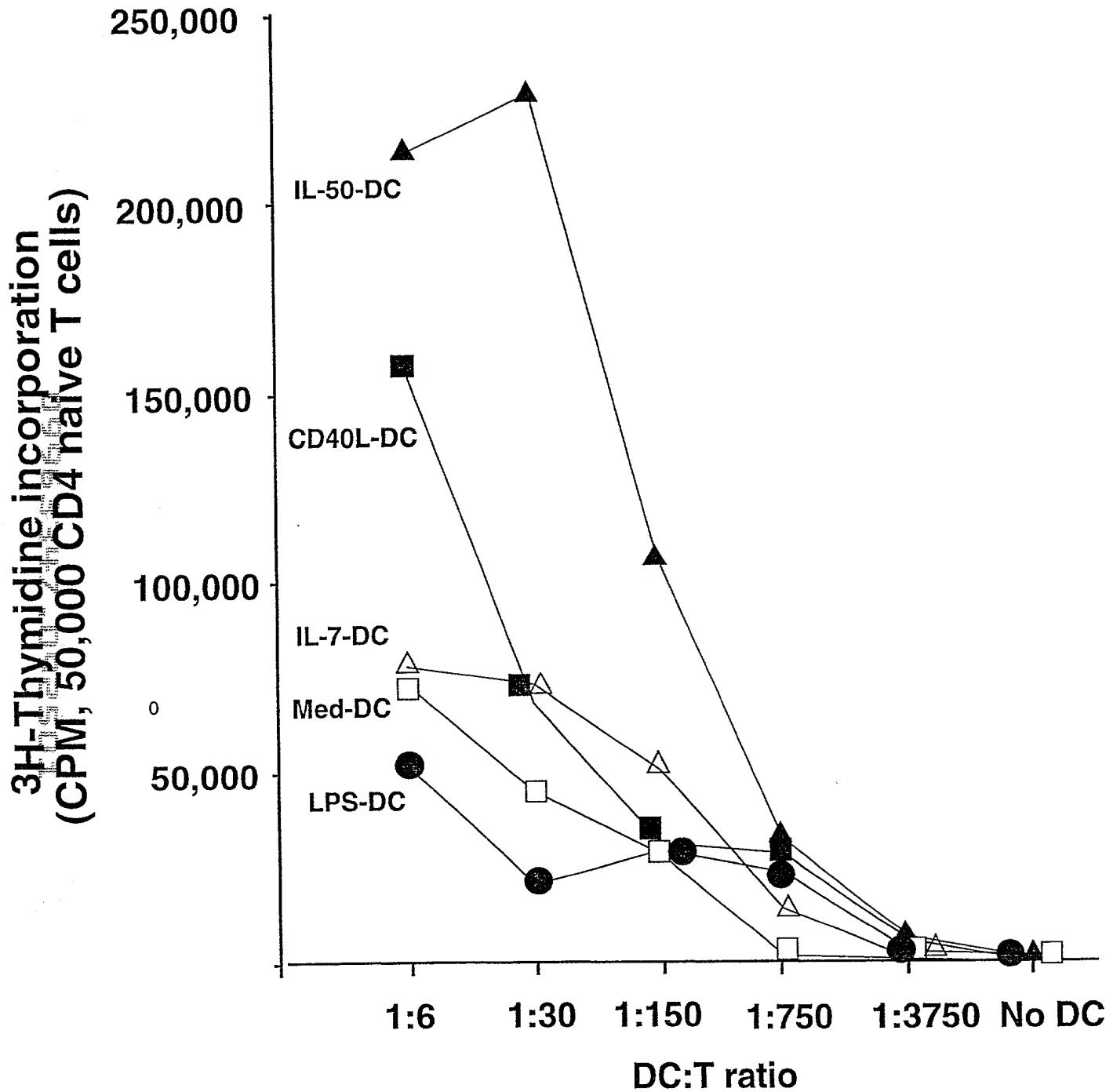


FIG. 8

IL-4

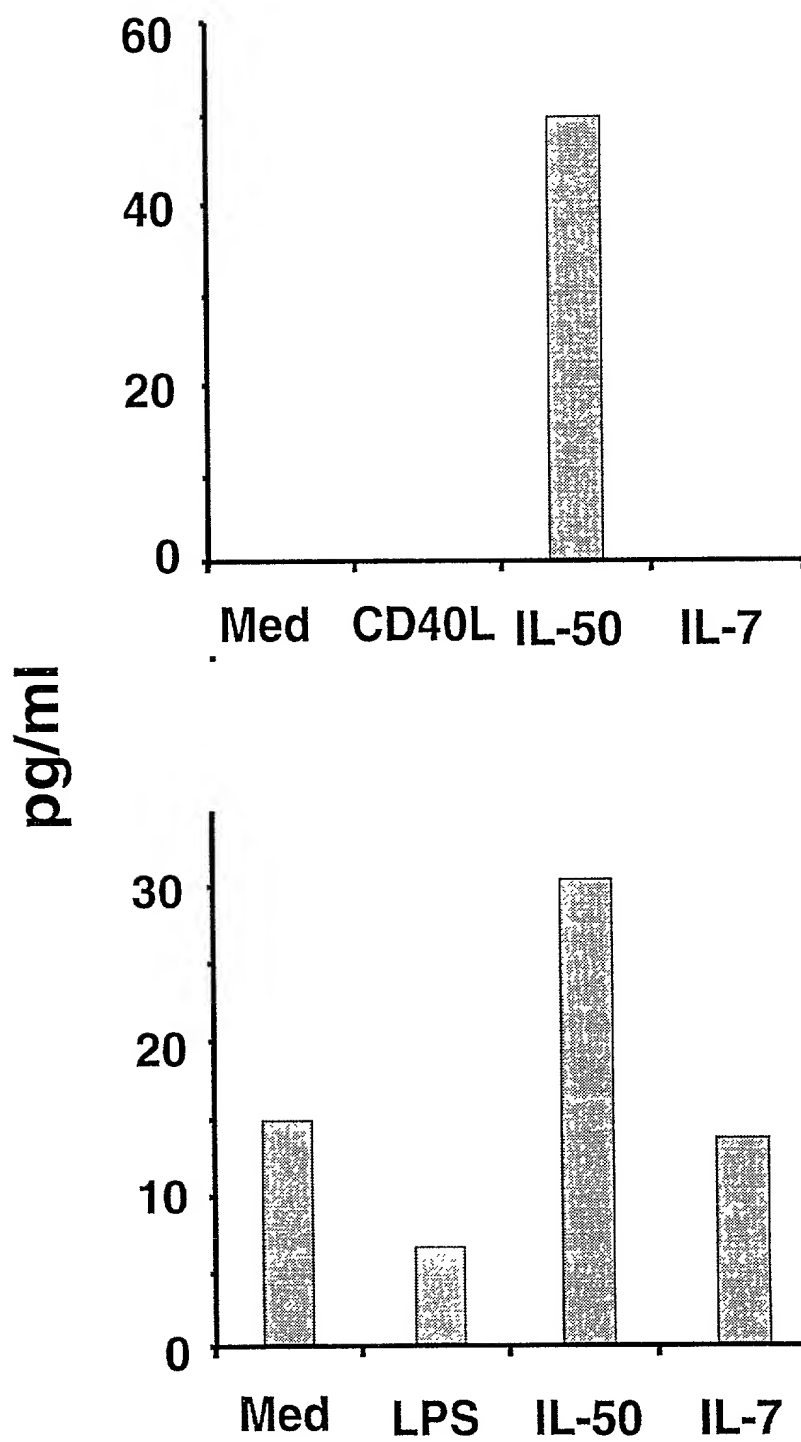


FIG. 9A

IL-13

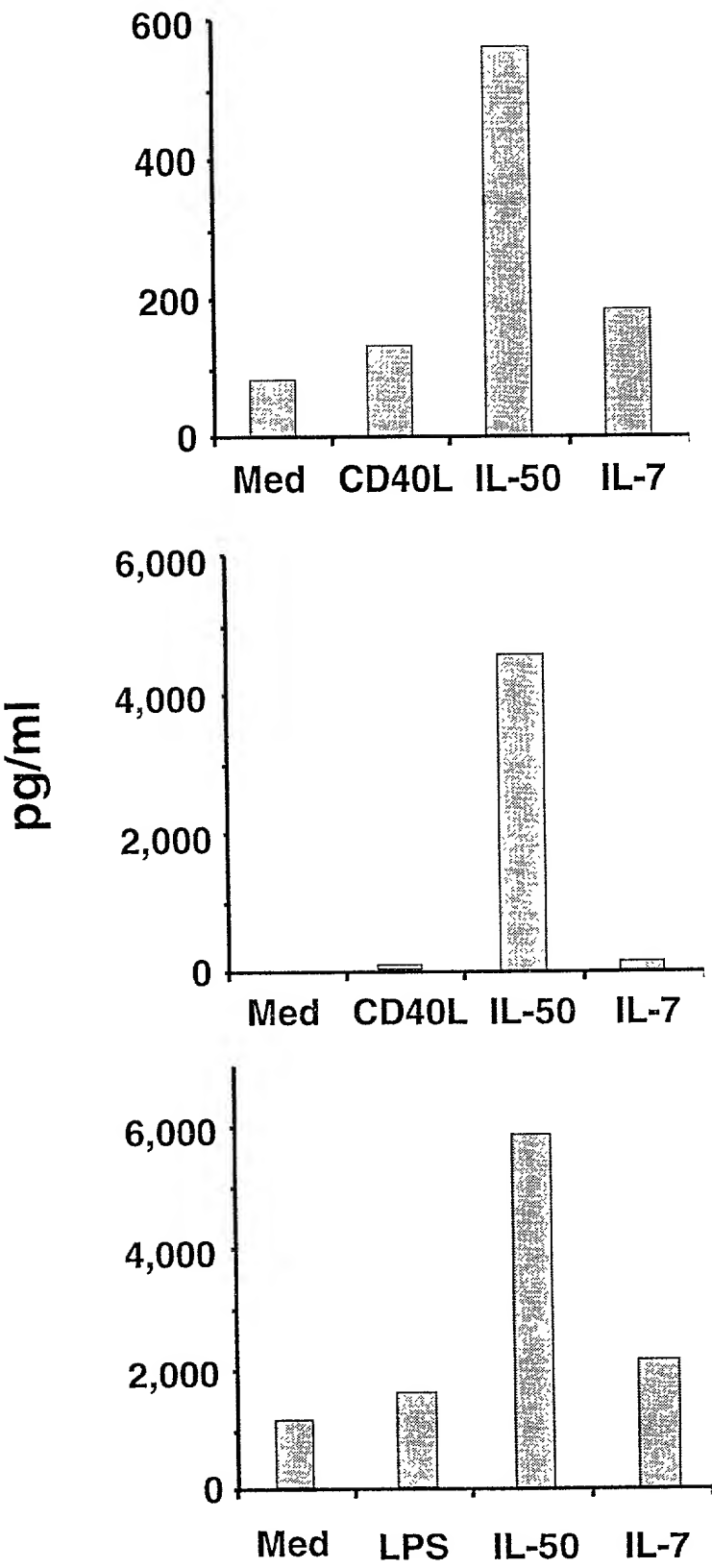


FIG. 9B

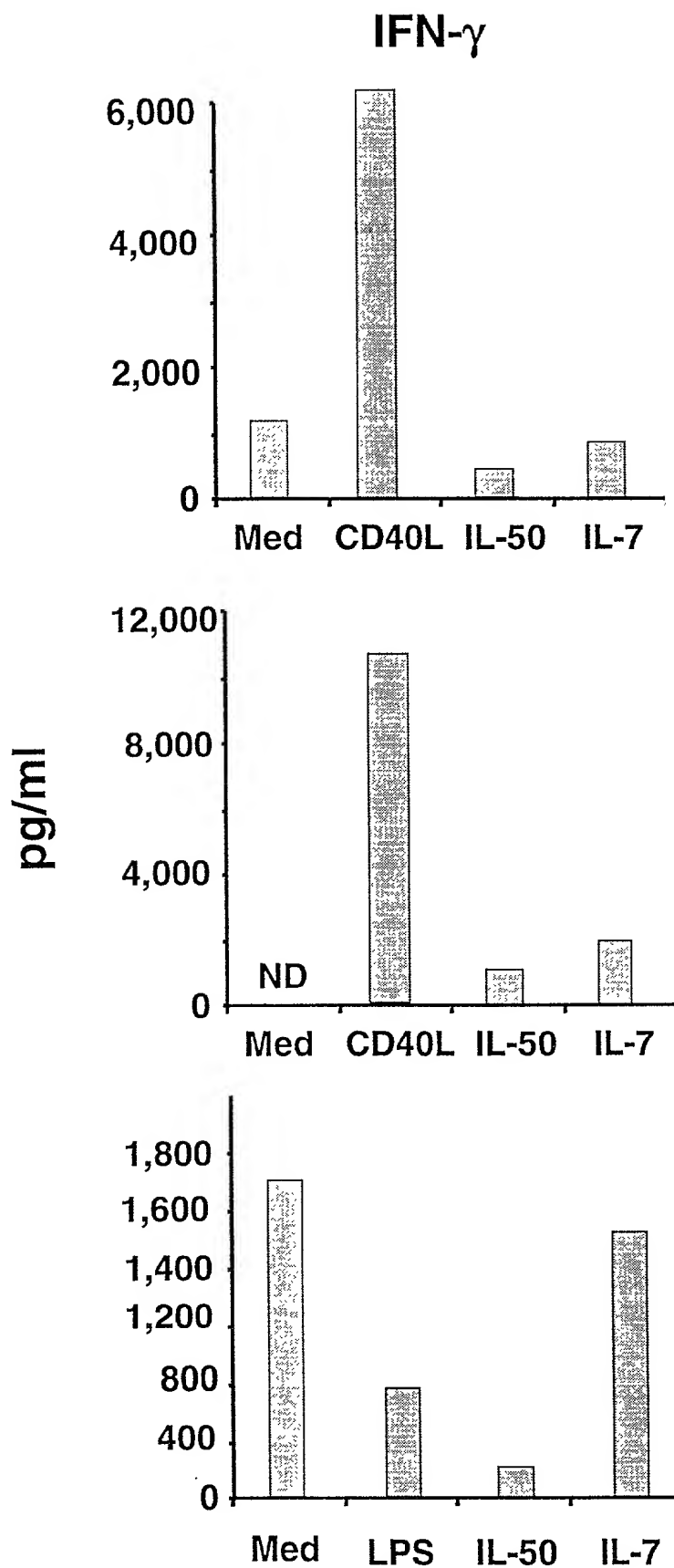


FIG. 9C

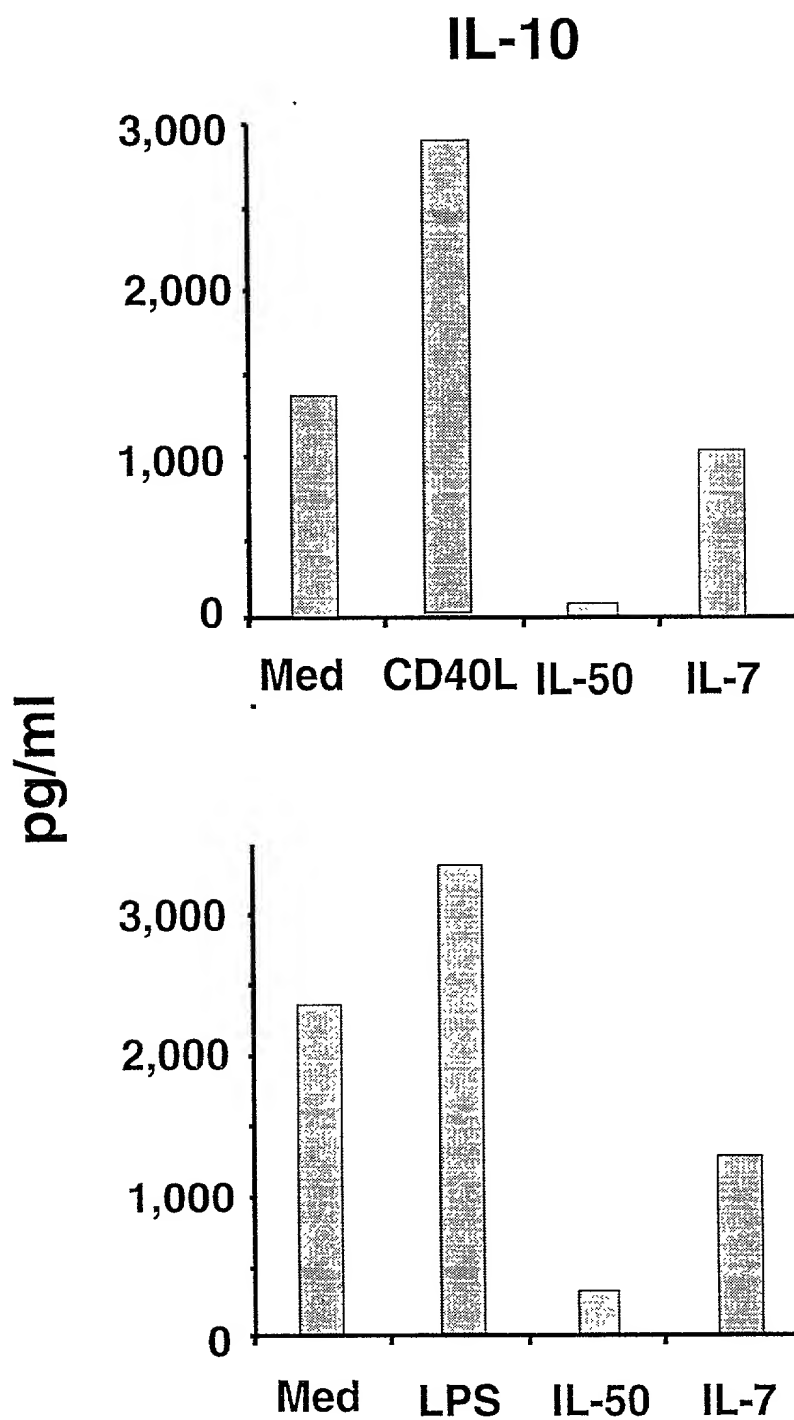
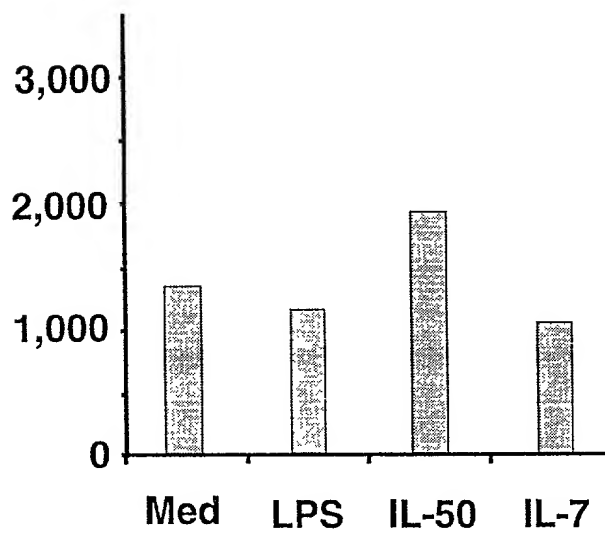
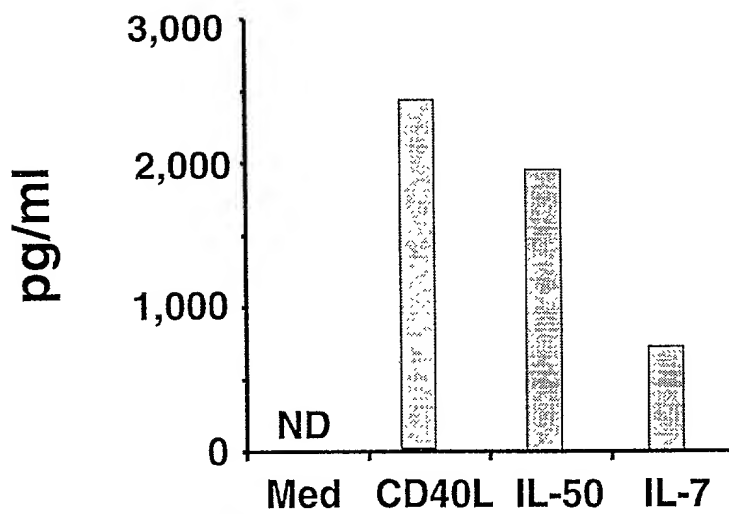
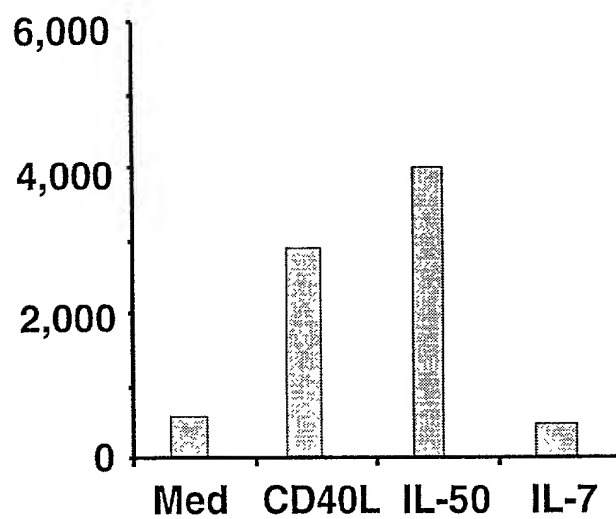


FIG. 9D

TNF- α **FIG. 9E**

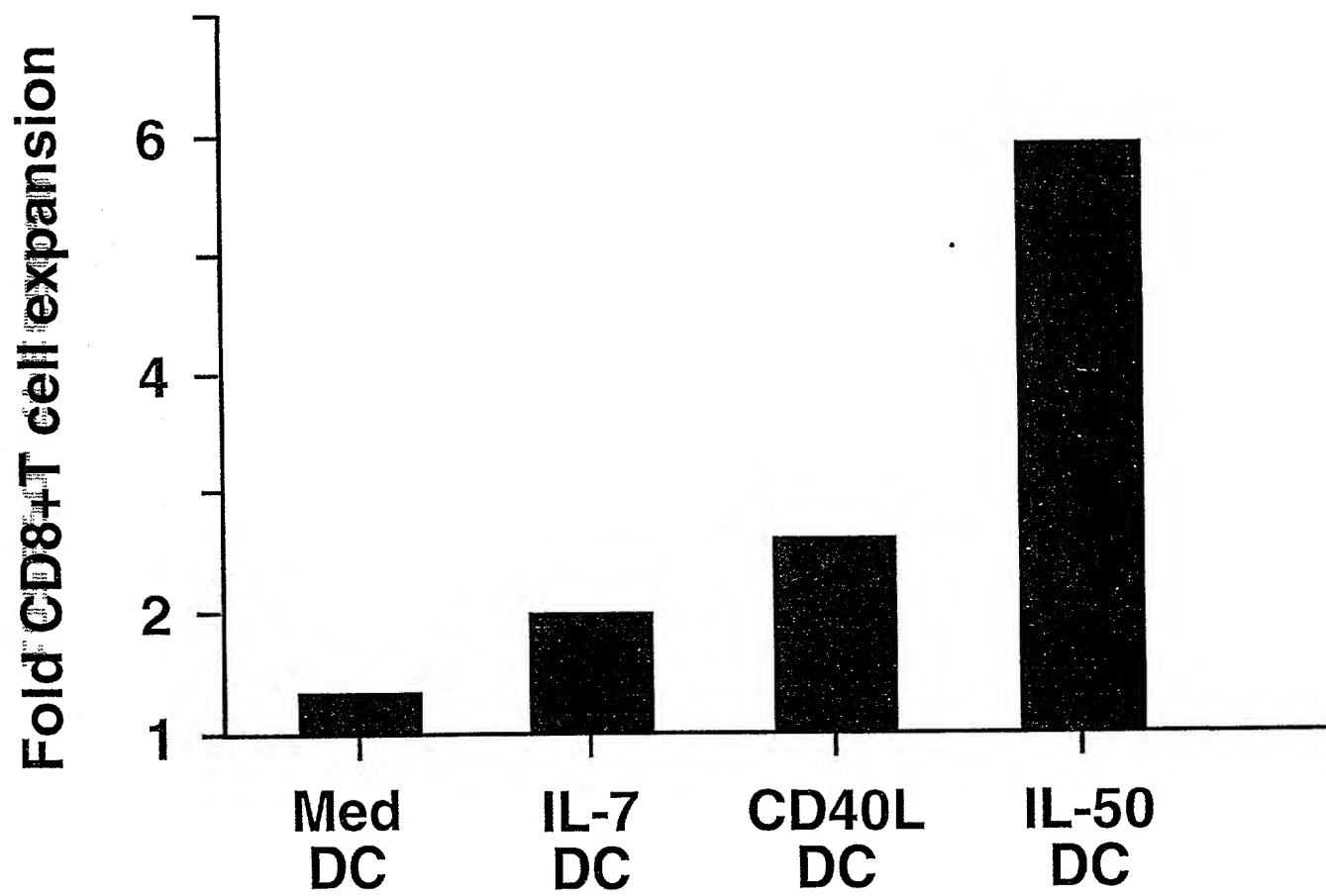


FIG. 10

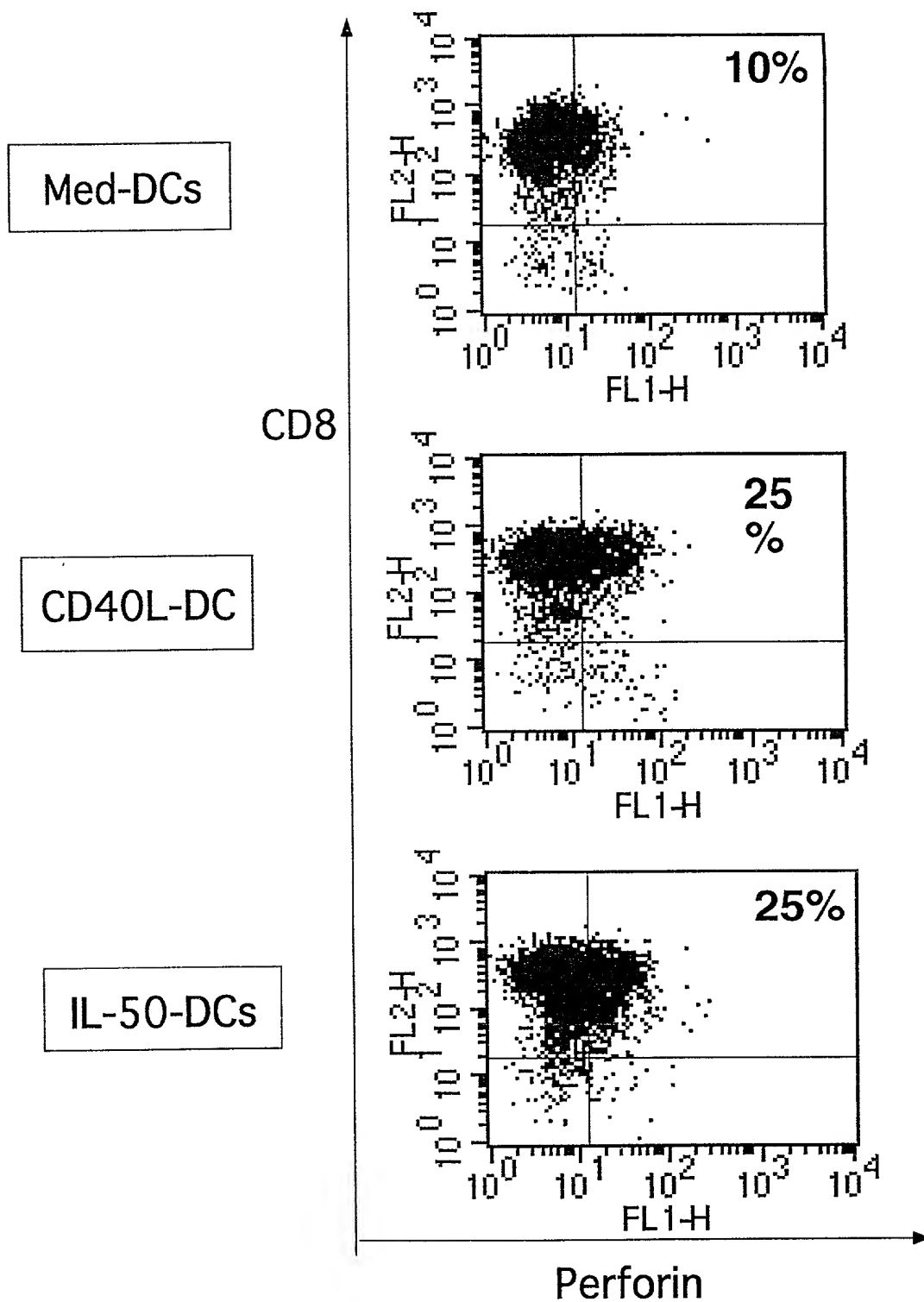


FIG. 11

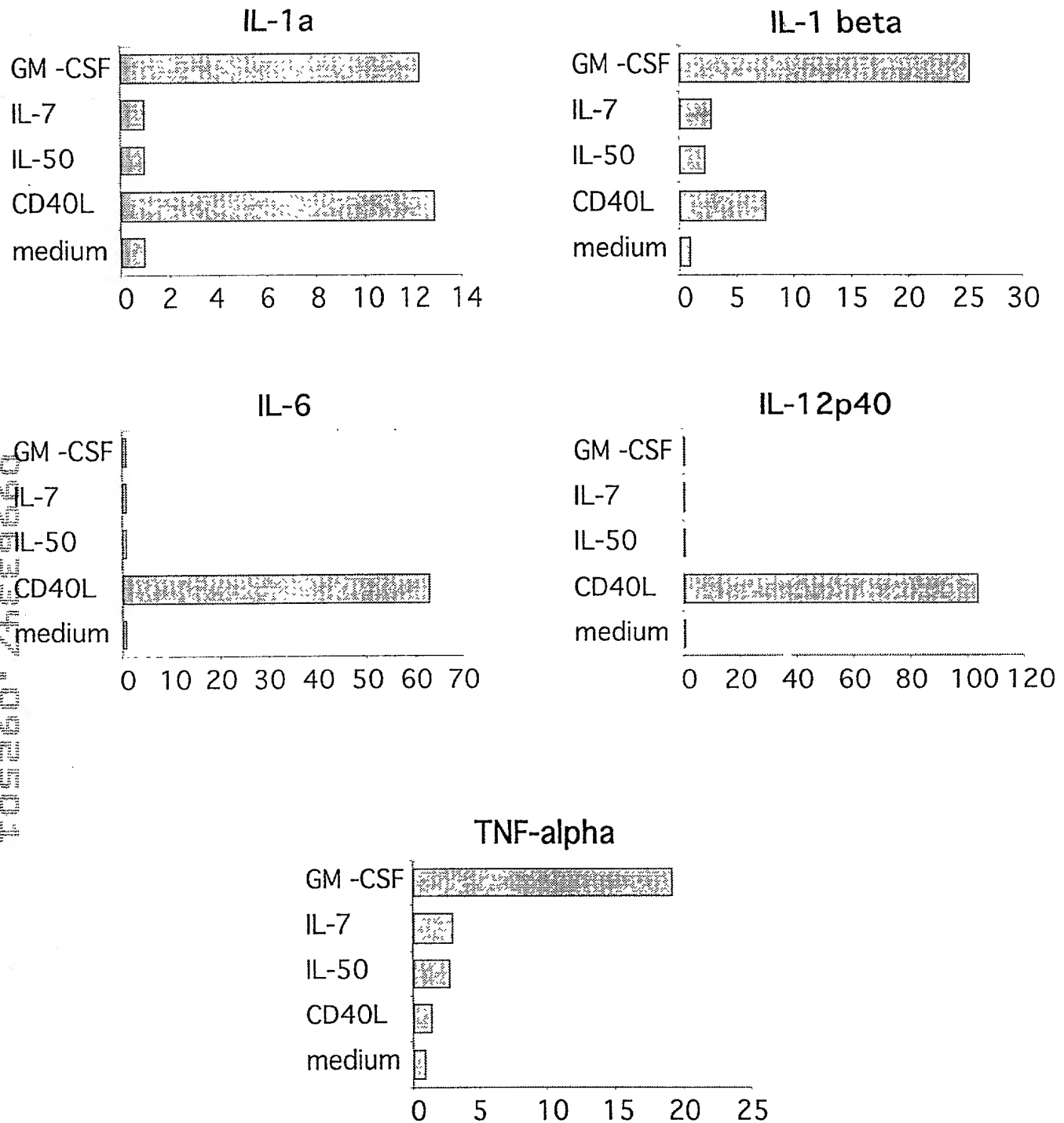
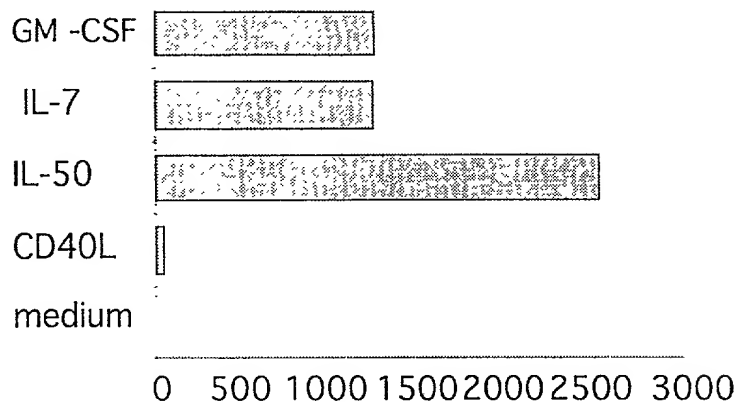


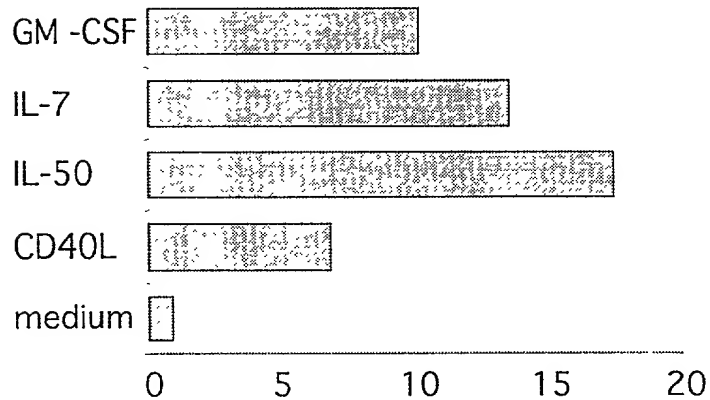
FIG. 12A

Th2

TARC



MDC



DC+Naive

MIP3-beta

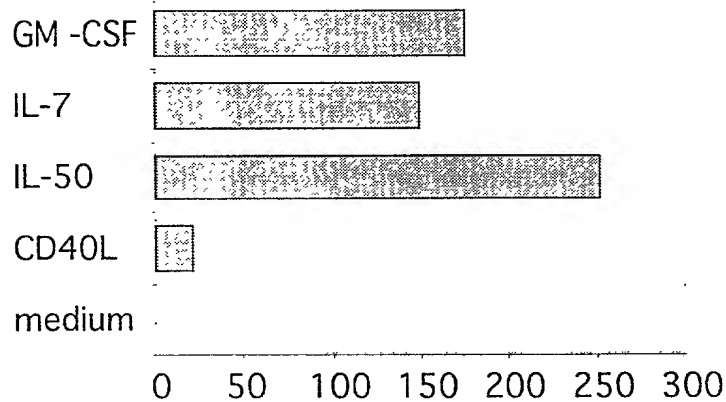


FIG. 12B

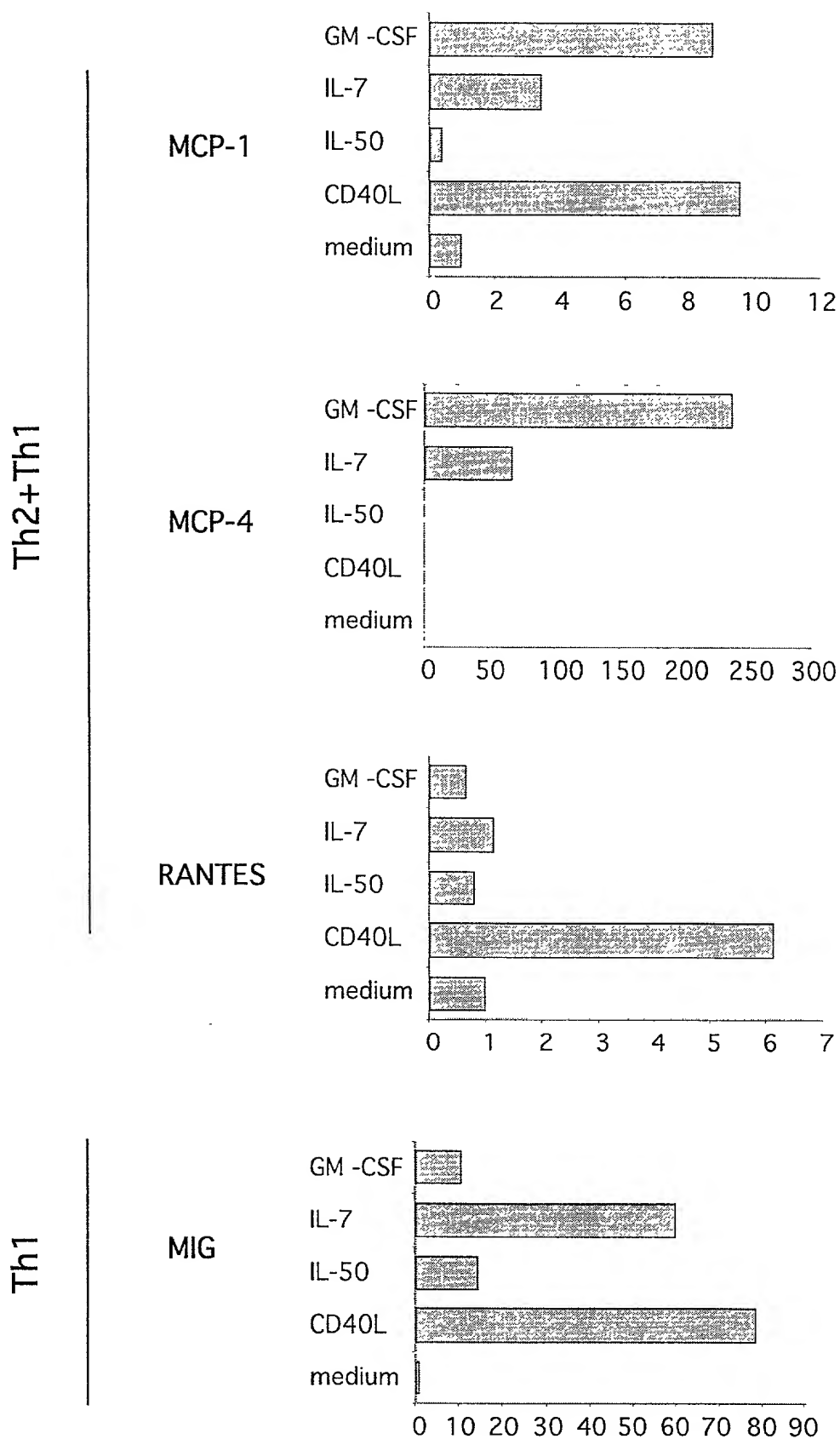


FIG. 12C

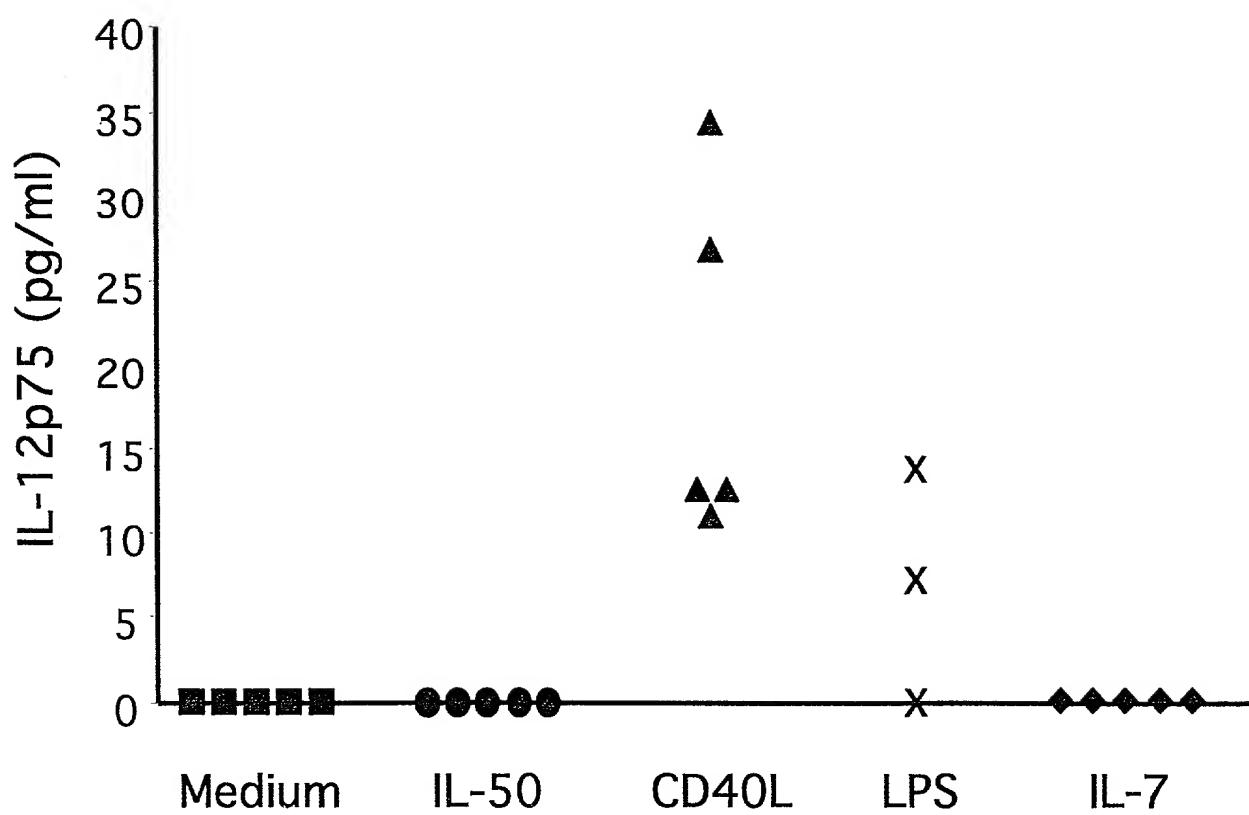


FIG. 13